

Name: \_\_\_\_\_

**pb1103: Factoring when  $a = \text{prime}$  (v34)**

1. Factor the expression  $5x^2 - 31x - 72$
2. Factor the expression  $11x^2 + 47x + 12$
3. Factor the expression  $7x^2 - 46x - 21$
4. Factor the expression  $2x^2 + 19x + 45$
5. Factor the expression  $7x^2 - 62x + 48$

6. Factor the expression  $3x^2 + 4x - 15$

7. Factor the expression  $5x^2 + 27x + 10$

8. Factor the expression  $7x^2 + 43x + 40$

9. Factor the expression  $11x^2 + 71x + 30$

10. Factor the expression  $2x^2 - 3x - 14$